

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference WW/3-22354	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/EP2005/002080	International filing date (day/month/year) 28/02/2005	(Earliest) Priority Date (day/month/year) 12/03/2004
Applicant CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box II).

3. **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/002080

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C02F11/12 C02F11/14 C02F1/56 B01D21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C02F B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/035800 A1 (WEIR STEVEN) 26 February 2004 (2004-02-26) paragraphs '0018!, '0024!, '0027!; claims -----	1-13
X	US 4 479 879 A (HASHIMOTO ET AL) 30 October 1984 (1984-10-30) claim 1; tables 1,2 -----	1-13
X	WO 02/072205 A (KRONOS TITAN GMBH & CO. OHG; BONATH, HANS-JOERG; BOMBECK, GEORG) 19 September 2002 (2002-09-19) page 4, line 9 - line 20; claims; figure -----	1-13
X	US 4 382 864 A (HASHIMOTO ET AL) 10 May 1983 (1983-05-10) column 3, line 25 - column 4, line 15; examples 1,5 ----- -----	1-13 -----

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

20 May 2005

Date of mailing of the international search report

30/05/2005

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/002080

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 281 320 A (RITTERSHAUS ET BLECHER GMBH) 5 March 1976 (1976-03-05) the whole document -----	1-13
Y	WO 93/02967 A (ALLIED COLLOIDS LIMITED) 18 February 1993 (1993-02-18) page 8, line 11 - line 22; claims -----	1-13
A	US 5 433 865 A (LAURENT ET AL) 18 July 1995 (1995-07-18) the whole document -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No	
PCT/EP2005/002080	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2004035800	A1	26-02-2004	AU CA EP WO ZA	2633802 A 2429476 A1 1339644 A2 0244093 A2 200303968 A		11-06-2002 06-06-2002 03-09-2003 06-06-2002 23-04-2004
US 4479879	A	30-10-1984	JP JP JP DE GB	1518182 C 58184000 A 60038200 B 3313162 A1 2118926 A ,B		07-09-1989 27-10-1983 30-08-1985 10-11-1983 09-11-1983
WO 02072205	A	19-09-2002	DE CA WO EP JP MX US	10111895 A1 2438311 A1 02072205 A2 1368503 A2 2004528162 T PA03007247 A 2004136889 A1		19-09-2002 19-09-2002 19-09-2002 10-12-2003 16-09-2004 04-12-2003 15-07-2004
US 4382864	A	10-05-1983	JP JP JP JP JP JP JP JP JP JP JP JP JP DE GB BE	57127500 A 1003159 B 57130599 A 57130600 A 1426323 C 57132509 A 62035836 B 57135096 A 1475007 C 57032797 A 59003240 B 3131411 A1 2082163 A ,B 884864 A1		07-08-1982 19-01-1989 13-08-1982 13-08-1982 25-02-1988 16-08-1982 04-08-1987 20-08-1982 18-01-1989 22-02-1982 23-01-1984 24-06-1982 03-03-1982 23-02-1981
FR 2281320	A	05-03-1976	DE DE FR IT NL SE CH JP US	2438165 A1 2515162 A1 2281320 A1 1038550 B 7506331 A 7506088 A 604814 A5 51117450 A 4105558 A		19-02-1976 21-10-1976 05-03-1976 30-11-1979 10-02-1976 09-02-1976 15-09-1978 15-10-1976 08-08-1978
WO 9302967	A	18-02-1993	AT AU AU BR CA DE DE DK EP ES FI WO JP	172697 T 664851 B2 2380092 A 9206329 A 2114436 A1 69227466 D1 69227466 T2 641293 T3 0641293 A1 2123566 T3 940437 A 9302967 A1 3313711 B2		15-11-1998 07-12-1995 02-03-1993 04-04-1995 18-02-1993 03-12-1998 18-03-1999 12-07-1999 08-03-1995 16-01-1999 28-01-1999 18-02-1995 12-08-2002

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Information on patent family members

International Application No

PCT/EP2005/002080

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9302967	A	JP	6509742 T	02-11-1994
		KR	213669 B1	02-08-1999
		MX	9204515 A1	01-04-1993
		NO	940335 A	01-02-1994
		US	5681480 A	28-10-1997
		ZA	9205787 A	02-08-1993
US 5433865	A	18-07-1995	CA 2145939 A1	01-10-1995